



Wednesday, 1 May 2013 *Welcome Reception*

Thursday, 2 May 2013

Session I: Opening Session

Keynote Speaker: **Dr. Bob Hardage, Bureau of Economic Geology, University of Texas, SEG Past President**
Legends of SWD Award

Session II: Seismic While Drilling

From 2007 SPE SWD Workshop Findings to the Current State of the Art
Comparison of SVWD and Wireline Checkshots in Gulf of Mexico and North Sea

Andy Hawthorn, Schlumberger
Charles Peter Deri, Schlumberger

Session III: Case Studies I

Application and Case Study of Deep Water Exploration Riser-less SWD Acquisition
A Case Example of Seismic While Drilling Application in Ultra-deep Water Drilling in Andaman Sea
Drill-bit SWD for Geothermal Exploration

Neil Kelsall, SLB D&M
TK Lim, SLB China
Flavio Poletto, OGS Italy

Poster Presentations

Case-Study: Real Time Seismic for Casing Point Selection -Critical for Carbonate Exploration Wells
Real-time Prediction of Coal Seam Top for Blast-hole Drilling Using Seismic-While-Drilling

Stuart Galvin, SLB D&M
Binzhong Zhou, DET CRC/CSIRO

Session IV Panel Discussion: Industry Prospective and Technology Gaps

Moderator: Brian Hornby, BP

Friday, 3 May 2013

Session V: Drilling Value Proposition

Seismic Guided Drilling (SGD): A New Technology for Look-Around and Look-Ahead Images in 3D During Drilling for Risk Minimization

Presenter TBD

Seismic While Drilling in a Hard-Rock Environment
Seismic While Drilling: Potential & Reality

Andrew King, CSIRO
Holger Mathisik, Baker Hughes Germany

Poster Presentations

SWD :Integrating Multiple Emerging Technologies for Safer, Successful Drilling
An Economic Model for Seismic While Drilling

Charles Naville, IFPEN/IFP Energies Nouvelles
Scott Taylor, Sigma³

Session VI: Case Studies II

Case Study: Checkshot Surveys on High Inclination Deviated Wells Using Seismic-While-Drilling
Drill-bit SWD Results Enhanced by High-rate Telemetry
Seismic -While-Drilling Diffraction-Focusing Velocity Analysis and Drill Bit Tracking

Stuart Galvin, SLB D&M
Flavio Poletto, OGS Italy
Baichun Sun, Curtin University, Australia

Session VII: Emerging Technologies

Forward and Lateral Beamforming for Detail Geohazard Imaging While Drilling
Downhole Water-Hammer Seismic-While-Drilling Source
Seismic While Drilling: Downhole Sparker Source with Adjustable Frequencies

Jacques Guigné, Intelligent Sciences Ltd.
Jack Kolle, Tempres/Oil States Energy Services
Bob Radtke, Technology International

Session VIII Panel Discussion: Industry Prospective on SWD Services

Moderator: Bob Radtke, Technology International